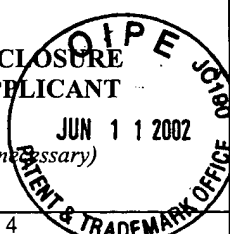
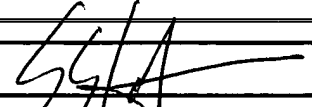


RECEIVED  
JUN 13 2002  
TECH CENTER 160012900

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	09/939,816
				Filing Date	August 27, 2001
				First Named Inventor	E. Farber
				Art Unit	1614
				Examiner Name	Not yet assigned
Sheet	1	of	4	Attorney Docket Number	14358-314

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number -Kind Code <sup>2</sup> (if known)		
3		US-3,830,824	08/20/74	Margraf
		US-3,830,825	08/20/74	Margraf
		US-3,830,908	08/20/74	Klippel et al.
		US-3,856,805	12/24/74	Margraf
		US-3,930,000	12/30/75	Margraf
		US-3,932,627	01/13/76	Margraf
		US-3,954,989	05/04/76	Mecca
		US-4,170,229	10/09/79	Olson
		US-4,278,664	07/14/81	Van Cleave
		US-4,374,766	02/22/83	Puchalski et al.
		US-4,670,263	06/02/87	Noorlander
		US-4,707,354	11/17/87	Garlen et al.
		US-4,708,813	11/24/87	Snyder
		US-4,806,262	02/21/89	Snyder
		US-4,880,621	11/14/89	Grollier et al.
	US-4,981,845	01/01/91	Pereira	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
3		EPO Publication No. 0242553	10/28/87	Campo		
		EPO Publication No. 0380157	08/01/90	Weisberg		
		PCT Publication No. WO 90/09779	09/07/90	Benhuri		
		Great Britain Patent No. 1,346,544	02/13/74	Margraf		
		Japanese Patent No. JP 358140013A	08/19/83	Kuroda et al. (Dai Ichi Seiyaku et al.) translated		
		Japan Patent Publication No. JP 404208219 English abstract	07/29/92	Abe et al. (abstract only)		

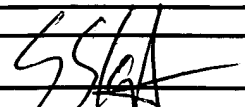
Examiner Signature		Date Considered	8/28/03
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	09/939,816
				Filing Date	August 27, 2001
				First Named Inventor	E. Farber
				Group Art Unit	1614
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	14358-314

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number -Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,112,886	05/12/92	Phalangas
		US-5,122,533	06/16/92	Bar-On et al.
		US-5,221,533	06/22/93	Perlman
		US-5,455,033	10/03/95	Silverman et al.
		US-5,512,200	04/30/96	Garcia
		US-5,567,427	10/22/96	Papakadis
		US-5,578,312	11/26/96	Parrinello
		US-5,616,347	04/01/97	Alliger et al.

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
		Product information insert for Alphosyl Cream and Alphosyl Lotion, G.D. Searle (South Africa), April 24, 1975		
		Product information insert for Clearasil Medicated Facial Cleanser, Procter & Gamble (South Africa), Jan. 31, 199		
		Product information insert for Arola Rosebaum Ointment, Supramed Limited, Jan. 12, 1986		
		Abstract of a publication, M. Cajkovic et al., "Influence of Emulsoid Vehicle on the Release and Activity of Allantoin," <u>Pharmacie</u> 47:39-43 (1992) (abstract only)		
		Abstract of a publication, M. Maragakis et al., "Possibilities of Scar Treatment After Thoracic Surgery," <u>Drugs Under Exp. &amp; Clin. Res.</u> 21:199-206 (1995) (abstract only)		
		Product information insert for Alphosyl, undated.		
		Abstract of a publication, G. Stinco et al., "Seborrheic Dermatitis Treated with Furalglucitole Cream," <u>Dermatol. Clin.</u> 18:78-81 (1998) (abstract only)		
		Abstract of a publication, G.H. Willital & H. Heine, "Efficiency of Contractubex® Gel in the Treatment of Fresh Scars After Thoracic Surgery in Children and Adolescents," <u>Int. J. Clin. Pharmacol. Res.</u> 14:193-202 (1994) (abstract only)		
		H.W. Margraf & T.H. Covey, Jr., "A Trial of Silver-Zinc-Allantoin in the Treatment of Leg Ulcers," <u>Arch. Surg.</u> 12:699-704 (1977)		
		Remington: The Science and Practice of Pharmacy (19 <sup>th</sup> Ed. 1995, Mack Publishing Co., Easton, Pennsylvania), pp. 639-640, 1380		
		D. Hoffmann, "The Complete Illustrated Herbal," (Barnes and Noble, 1996), pp. 63, 104		
		F.R. Greenbaum, "The Story of Allantoin," <u>Am. J. Pharm.</u> 112:205-216 (1940)		
		M.A. Lesser, "Allantoin," <u>Drug Cosmet. Ind.</u> 42:451-456, 469 (1938)		

Examiner Signature		Date Considered	5/28/03
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

RECEIVED  
JUN 13 2002  
FBI CENTER 160012900

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	09/939,816
				Filing Date	August 27, 2001
				First Named Inventor	E. Farber
				Group Art Unit	1614
				Examiner Name	Not yet assigned
Sheet	3	of	4	Attorney Docket Number	14358-314

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number -Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
3		US-5,658,559	08/19/97	Smith
		US-5,661,170	08/26/97	Chodosh
		US-5,736,128	04/07/98	Chaudhuri et al.
		US-5,824,666	10/20/98	Deckner et al.
		US-5,827,870	10/27/98	Chodosh
		US-5,830,483	11/03/98	Seidel et al.
		US-5,863,548	01/26/99	Elder
		US-5,871,754	02/16/99	Briggs et al.
		US-5,876,736	03/02/99	Cohen et al.

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
3		I.I. Lubowe & S.B. Mecca, "Allantoin and Aluminum Derivatives in Dermatological Applications," <u>Drug Cosmet. Ind.</u> 84:36, 37, 117 (1959)	
		S.B. Mecca, "Allantoin and the Newer Aluminum Allantoins," <u>Proc. Scient. Sect. Toilet Goods Assoc.</u> No. 31: 1-6 (1959)	
		S.B. Mecca, "The Function and Applicability of the Allantoins," <u>Proc. Scient. Sect. Toilet Goods Assoc.</u> No. 39: 7-15 (1963)	
		P. LeVan, "The Use of Silicones in Dermatology," <u>Calif. Med.</u> 81:210-213 (1954)	
		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoïne de Dihydroxyaluminium et de L'Allantoïne de Chlorhydroxyaluminium. I.-- Toxicité," <u>Ann. Pharm. Franc.</u> 20: 623-636 (1962) (in French), discloses the physical and chemical properties and the toxicity of dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate. The compounds were observed to have no toxicity.	
		R. Cahen & J.-F. Clement, "Etude Pharmacologique de L'Allantoïne de Dihydroxyaluminium et de L'Allantoïne de Chlorhydroxyaluminium. II.--Etude de l'Activité Gastrique," <u>Ann. Pharm. Franc.</u> 20: 693-703 (1962) (in French), discloses the activity of dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate on gastric activity. The compounds were found to have acid-neutralizing and buffering activity and to diminish gastric acidity.	

Examiner Signature	<i>[Signature]</i>	Date Considered	5/03
--------------------	--------------------	-----------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/939,816
				Filing Date	August 27, 2001
				First Named Inventor	E. Farber
				Group Art Unit	1614
				Examiner Name	Not yet assigned
Sheet	4	of	4	Attorney Docket Number	14358-314

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,885,581	03/23/99	Massand
		US-5,914,116	06/22/99	Suares et al.
		US-5,932,228	08/03/99	Hall et al.
		US-5,952,373	09/14/99	Lanzendörfer et al.
		US-5,958,436	09/28/99	Hahn et al.
		US-6,060,061	05/09/00	Breton et al.
		US-6,080,393	06/27/00	Liu et al.
		US-6,120,782	09/19/00	Mansouri
		US-		

### OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoïne de Dihydroxyaluminium et de L'Allantoïne de Chlorhydroxyaluminium. III.--Effet Anti-ulcéreux," <u>Ann. Pharm. Franc.</u> 20: 704-713 (1962) (in French), discloses the anti-ulcer activity of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate. The compounds were found to have anti-ulcer activity in rats and guinea pigs comparable to compounds such as aluminum hydrate and bismuth subnitrate.	
		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoïne de Dihydroxyaluminium et de L'Allantoïne de Chlorhydroxyaluminium. IV.--Effet sur l'Ulcère Médicamenteux Expérimental," <u>Ann. Pharm. Franc.</u> 21: 215-222 (1963) (in French), discloses the effect of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate on ulcers produced in the rat by administration of phenylbutazone or reserpine. The compounds were found to have activity against such ulcers.	
		C. Debray et al., "Etude de Dérivés Allantoïniques de l'Aluminium dans la Thérapeutique des Affections Gastro-duodénales," <u>Presse Méd.</u> 70: 2643-2644 (1962) (in French) discloses the activity of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate administered in a complex with a polymer of polyoxyethylene and polyoxypropanediol, methylhomatropine bromide, and calcium carbonate on gastrointestinal conditions. The complex was said to be effective against duodenal ulcer and effective in protecting the gastric mucosa.	

Examiner Signature	<i>[Signature]</i>	Date Considered	5/03
--------------------	--------------------	-----------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/939,816
				Filing Date	August 27, 2001
				First Named Inventor	E. Farber
				Art Unit	1614
				Examiner Name	Not assigned
Sheet	5	of	5	Attorney Docket Number 14358-314	

RECEIVED  
JUN 13 2002  
FBI CENTER 1600/2800

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number -Kind Code <sup>2</sup> (if known)		
3		US-4,478,853	10/23/84	Chaussee
		US-4,507,279	03/26/85	Okuyama et al.
		US-5,709,847	01/20/98	Bissett et al.
		US-5,849,310	12/15/98	Trinh et al.
		US-5,968,528	10/19/99	Deckner et al.
		US-6,001,377	12/14/99	SaNogueira, Jr. et al.
		US-6,086,903	07/11/00	Trinh et al.
		US-6,174,533 B1	01/16/01	SaNogueira, Jr. et al.
		US-6,306,915 B1	10/23/01	Murata
		US-6,337,065 B1	01/08/02	Jacobson et al.

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

### OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature		Date Considered	5/03
--------------------	--	-----------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE